



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/501,411
Source: PCI
Date Processed by STIC: 7-20-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



PCT

RAW SEQUENCE LISTING

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:16

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

5 <110> APPLICANT: Cowley, Michael
 6 Cone, Roger
 7 Low, Malcolm
 8 Bulter, Andrew
 9 Bloom, Stephen Robert
 10 Small, Caroline Jane
 11 Batterham, Rachel Louise
 12 Ghatei, Mohammad Ali
 14 <120> TITLE OF INVENTION: Modification of Feeding Behavior Using PYY and GLP-1
 16 <130> FILE REFERENCE: 4040.001000
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/501,411
 C--> 18 <141> CURRENT FILING DATE: 2004-07-12
 18 <150> PRIOR APPLICATION NUMBER: PCT/GB03/00062
 19 <151> PRIOR FILING DATE: 2003-01-10
 21 <150> PRIOR APPLICATION NUMBER: PCT/US02/31944
 22 <151> PRIOR FILING DATE: 2002-09-24
 24 <150> PRIOR APPLICATION NUMBER: 60/392,109
 25 <151> PRIOR FILING DATE: 2002-06-28
 27 <150> PRIOR APPLICATION NUMBER: GB 0200507.2
 28 <151> PRIOR FILING DATE: 2002-01-10
 E--> 30 <160> NUMBER OF SEQ ID NOS: 341
 32 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

85 <210> SEQ ID NO: 4
 86 <211> LENGTH: 3
 87 <212> TYPE: PRT
 88 <213> ORGANISM: Homo sapiens
 90 <400> SEQUENCE: 4
 W--> 92 000
 E--> 93 ① delete
 4992 <210> SEQ ID NO: 278
 4993 <211> LENGTH: 3
 4994 <212> TYPE: PRT
 4995 <213> ORGANISM: Homo sapiens
 4997 <400> SEQUENCE: 278
 W--> 4999 000
 E--> 5000 ①
 5115 <210> SEQ ID NO: 283
 5116 <211> LENGTH: 3
 5117 <212> TYPE: PRT

delete when skipping sequences

Same error

RAW SEQUENCE LISTING

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:16

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

```

5118 <213> ORGANISM: Homo sapiens
5120 <400> SEQUENCE: 283
W--> 5122 000
E--> 5123 ①
5126 <210> SEQ ID NO: 284
5127 <211> LENGTH: 3
5128 <212> TYPE: PRT
5129 <213> ORGANISM: Homo sapiens
5131 <400> SEQUENCE: 284
W--> 5133 000
E--> 5134 ①
5137 <210> SEQ ID NO: 285
5138 <211> LENGTH: 3
5139 <212> TYPE: PRT
5140 <213> ORGANISM: Homo sapiens
5142 <400> SEQUENCE: 285
W--> 5144 000
E--> 5145 ① delete
5148 <210> SEQ ID NO: 286
5149 <211> LENGTH: 3
5150 <212> TYPE: PRT
5151 <213> ORGANISM: Homo sapiens
5153 <400> SEQUENCE: 286
W--> 5155 000
E--> 5156 ①
5159 <210> SEQ ID NO: 287
5160 <211> LENGTH: 3
5161 <212> TYPE: PRT
5162 <213> ORGANISM: Homo sapiens
5164 <400> SEQUENCE: 287
W--> 5166 000
E--> 5167 ①
5170 <210> SEQ ID NO: 288
5171 <211> LENGTH: 3
5172 <212> TYPE: PRT
5173 <213> ORGANISM: Homo sapiens
5175 <400> SEQUENCE: 288
W--> 5177 000
E--> 5178 ①
6454 <210> SEQ ID NO: 340
6455 <211> LENGTH: 37
6456 <212> TYPE: PRT
6457 <213> ORGANISM: Homo sapiens
6459 <400> SEQUENCE: 340
6461 His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
6462 1 5 10 15
6464 Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asp Thr Lys Arg Asn
6465 20 25 30
6468 Lys Asn Asn Ile Ala

```

same error

RAW SEQUENCE LISTING

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:16

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

6469 35
 E--> 6473 <210> SEQ ID NO: 341 <211> 463 <212> PRT <213> homo sapiens <400> 341
 E--> 6475 <211> LENGTH:
 E--> 6475 <212> TYPE:
 E--> 6475 <213> ORGANISM:
 E--> 6475 <400> SEQUENCE:

*This problem is caused by Patent In
 Please contact Mark Spencer:
 571-272-2533*

6475 Met Ala Gly Ala Pro Gly Pro Leu Arg Leu Ala Leu Leu Leu Gly
 6476 1 5 10 15
 6479 Met Val Gly Arg Ala Gly Pro Arg Pro Gln Gly Ala Thr Val Ser Leu
 6480 20 25 30
 6483 Trp Glu Thr Val Gln Lys Trp Arg Glu Tyr Arg Arg Gln Cys Gln Arg
 6484 35 40 45
 6487 Ser Leu Thr Glu Asp Pro Pro Ala Thr Asp Leu Phe Cys Asn Arg
 6488 50 55 60
 6491 Thr Phe Asp Glu Tyr Ala Cys Trp Pro Asp Gly Glu Pro Gly Ser Phe
 6492 65 70 75 80
 6495 Val Asn Val Ser Cys Pro Trp Tyr Leu Pro Trp Ala Ser Ser Val Pro
 6496 85 90 95
 6499 Gln Gly His Val Tyr Arg Phe Cys Thr Ala Glu Gly Leu Trp Leu Gln
 6500 100 105 110
 6503 Lys Asp Asn Ser Ser Leu Pro Trp Arg Asp Leu Ser Glu Cys Glu Glu
 6504 115 120 125
 6507 Ser Lys Arg Gly Glu Arg Ser Ser Pro Glu Glu Gln Leu Leu Phe Leu
 6508 130 135 140
 6511 Tyr Ile Ile Tyr Thr Val Gly Tyr Ala Leu Ser Phe Ser Ala Leu Val
 6512 145 150 155 160
 6515 Ile Ala Ser Ala Ile Leu Leu Gly Phe Arg His Leu His Cys Thr Arg
 6516 165 170 175
 6519 Asn Tyr Ile His Leu Asn Leu Phe Ala Ser Phe Ile Leu Arg Ala Leu
 6520 180 185 190
 6523 Ser Val Phe Ile Lys Asp Ala Ala Leu Lys Trp Met Tyr Ser Thr Ala
 6524 195 200 205
 6527 Ala Gln Gln His Gln Trp Asp Gly Leu Leu Ser Tyr Gln Asp Ser Leu
 6528 210 215 220
 6531 Ser Cys Arg Leu Val Phe Leu Leu Met Gln Tyr Cys Val Ala Ala Asn
 6532 225 230 235 240
 6535 Tyr Tyr Trp Leu Leu Val Glu Gly Val Tyr Leu Tyr Thr Leu Leu Ala
 6536 245 250 255
 6539 Phe Ser Val Phe Ser Glu Gln Trp Ile Phe Arg Leu Tyr Val Ser Ile
 6540 260 265 270
 6543 Gly Trp Gly Val Pro Leu Leu Phe Val Val Pro Trp Gly Ile Val Lys
 6544 275 280 285
 6547 Tyr Leu Tyr Glu Asp Glu Gly Cys Trp Thr Arg Asn Ser Asn Met Asn
 6548 290 295 300
 6551 Tyr Trp Leu Ile Ile Arg Leu Pro Ile Leu Phe Ala Ile Gly Val Asn
 6552 305 310 315 320
 6555 Phe Leu Ile Phe Val Arg Val Ile Cys Ile Val Val Ser Lys Leu Lys
 6556 325 330 335
 6559 Ala Asn Leu Met Cys Lys Thr Asp Ile Lys Cys Arg Leu Ala Lys Ser

RAW SEQUENCE LISTING

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:16

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

6560				340				345				350				
6563	Thr	Leu	Thr	Leu	Ile	Pro	Leu	Leu	Gly	Thr	His	Glu	Val	Ile	Phe	Ala
6564				355				360				365				
6567	Phe	Val	Met	Asp	Glu	His	Ala	Arg	Gly	Thr	Leu	Arg	Phe	Ile	Lys	Leu
6568			370				375					380				
6571	Phe	Thr	Glu	Leu	Ser	Phe	Thr	Ser	Phe	Gln	Gly	Leu	Met	Val	Ala	Ile
6572	385					390				395					400	
6575	Leu	Tyr	Cys	Phe	Val	Asn	Asn	Glu	Val	Gln	Leu	Glu	Phe	Arg	Lys	Ser
6576				405					410					415		
6579	Trp	Glu	Arg	Trp	Arg	Leu	Glu	His	Leu	His	Ile	Gln	Arg	Asp	Ser	Ser
6580				420					425					430		
6583	Met	Lys	Pro	Leu	Lys	Cys	Pro	Thr	Ser	Ser	Leu	Ser	Ser	Gly	Ala	Thr
6584			435				440					445				
6587	Ala	Gly	Ser	Ser	Met	Tyr	Thr	Ala	Thr	Cys	Gln	Ala	Ser	Cys	Ser	
6588		450					455					460				

VERIFICATION SUMMARY

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:17

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:92 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (4) SEQUENCE:
L:93 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
L:93 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:4
L:3437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
L:3495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0
L:3527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0
L:3585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0
L:3696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0
L:3755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:3813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:4060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:4092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:4118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:4171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:4202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:4282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:4313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:4392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
L:4436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:16
L:4488 M:283 W: Missing Blank Line separator, <220> field identifier
L:4543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:4572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:4625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:4659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:4741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:4794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:4823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:4852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:4881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:4959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:4988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:4999 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (278) SEQUENCE:
L:5000 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:278
L:5000 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:278
L:5052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:5081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:5111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:5122 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (283) SEQUENCE:
L:5123 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:283
L:5123 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:283
L:5133 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (284) SEQUENCE:
L:5134 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:284
L:5134 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:284
L:5144 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (285) SEQUENCE:
L:5145 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:285
L:5145 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:285

VERIFICATION SUMMARY

DATE: 07/20/2004

PATENT APPLICATION: US/10/501,411

TIME: 16:29:17

Input Set : A:\4040.001000.txt

Output Set: N:\CRF4\07202004\J501411.raw

L:5155 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (286) SEQUENCE:
L:5156 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:286
L:5156 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:286
L:5166 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (287) SEQUENCE:
L:5167 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:287
L:5167 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:287
L:5177 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (288) SEQUENCE:
L:5178 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:288
L:5178 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3 Found:0 SEQ:288
L:5326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:5403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:5553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:5602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0
L:5656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0
L:5705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0
L:5739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0
L:5807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0
L:5856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0
L:6009 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:315,Line#:6007
L:6124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322 after pos.:0
L:6263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:328 after pos.:0
L:6473 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 341 <211> 463 <212>
PRT <213> homo sapiens <400> 341
L:6475 M:282 E: Numeric Field Identifier Missing, <211> is required.
L:6475 M:282 E: Numeric Field Identifier Missing, <212> is required.
L:6475 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:6475 M:200 E: Mandatory Header Field missing, <400> is required.
L:30 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (341) Counted (340)